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National Inventory of Swiss Bryophytes (NISM)

Hofmann, Heike ; Schnyder, Norbert

Abstract: The NISM-database (GIVD ID EU-CH-004) contains bryophyte records from 1,237 relevés of 100 m². 408 of these relevés are located on a systematic grid which covers the whole of Switzerland and Liechtenstein (1 relevé). Further 430 plots have been placed randomly (429 in CH, 1 in LI) and 399 plots have been positioned arbitrarily into different habitat types (387 in CH, 12 in LI). On each plot all bryophyte species present were recorded. For each species on each plot the main substrate where the species was growing has been noted as well as their fertility. In total, the database contains 19,000 records from these relevés. At the moment we are just starting to analyse the data, but joint projects with other working groups are welcome.

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National Inventory of Swiss Bryophytes (NISM)

Heike Hofmann & Norbert Schnyder

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Keywords: Switzerland.

GIVD Database ID: EU-CH-004		Last update: 2012-05-01	
National Inventory of Swiss Bryophytes (NISM)			
Scope: The NISM-database contains bryophyte records from 1,237 relevés of 100 m². 408 of these relevés are located on a systematic grid which covers the whole of Switzerland (407 relevés) and Liechtenstein (1). Further 430 plots have been placed randomly (429 in CH, 1 in LI) and 399 plots have been positioned arbitrarily into different habitat types (387 in CH, 12 in LI). On each plot all bryophyte species present were recorded. In total the database contains 19,000 records from these relevés.			
Status: completed and continuing		Period: 1984-2006	
Database manager(s): Heike Hofmann (heike.hofmann@systbot.uzh.ch); Norbert Schnyder (norbert.schnyder@systbot.uzh.ch)			
Owner: Mapping committee of the National Inventory of Swiss Bryophytes			
Web address: http://www.nism.uzh.ch/			
Availability: according to a specific agreement		Online upload: no	Online search: yes
Database format(s): Oracle		Export format(s): Excel	
Publication: Urmi, E., Schnyder, N., & Geissler, P. 1990. A new method in floristic mapping as applied to an inventory of Swiss bryophytes. In: Bohn, U. & Neuhausel, R. (eds.), Vegetation and flora of temperate zones, SPB Academic Publishing, The Hague, The Netherlands, 21-32			
Plot type(s): normal plots		Plot-size range: 100-100 m²	
Non-overlapping plots: 1,237	Estimate of existing plots: [NA]	Completeness: [NA]	
Total plot observations: 1,237	Number of sources: 1	Valid taxa: 799	
Countries: CH: 99.0%; LI: 1.0%			
Forest: [NA] — Non-forest: [NA]			
Guilds: bryophytes (terricolous or aquatic): 100%			
Environmental data: altitude: 100%			
Performance measure(s): presence/absence only: 100%			
Geographic localisation: GPS coordinates (precision 25 m or less): 5%; point coordinates less precise than GPS, up to 1 km: 95%			
Sampling periods: 1980-1989: 45.6%; 1990-1999: 32.4%; 2000-2009: 22.0%			
Information as of 2012-07-12; further details and future updates available from http://www.givd.info/ID/EU-CH-004			

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